

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Blossfeld et al.

GROUP: Not yet assigned

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5 / Prel. amdt. A  
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FOR: INTEGRATED CIRCUIT WITH A SENSOR ELEMENT

FIRST PRELIMINARY AMENDMENT

Preliminary to calculation of the filing fee, please amend the above-identified application as follows:

IN THE CLAIMS:

✓  
Please cancel claims 1-7.

✓  
Please add claims 8-20 as follows:

A1 --8. An integrated circuit sensor, comprising:  
a comparator that receives an input signal, and compares said input signal against a plurality of predetermined threshold values and provides a plurality of comparator output signals each indicative of whether or not said input signal exceeds an associated one of said plurality of predetermined threshold values; and  
an output stage that receives said plurality of comparator output signals and encodes state